

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	26	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/09/23 06:46
S2	298	(US-20020036739-\$ or US-20020058127-\$ or US-20020097279-\$ or US-20020121021-\$ or US-20020142133-\$ or US-20020180711-\$ or US-20020180910-\$ or US-20020181224-\$ or US-20020187314-\$ or US-20030044591-\$ or US-20030057417-\$ or US-20030067683-\$ or US-20030099736-\$ or US-20030122478-\$ or US-20030123151-\$ or US-20030137758-\$ or US-20030151813-\$ or US-20030152712-\$ or US-20030174399-\$ or US-20030183875-\$ or US-20030224623-\$ or US-20040032678-\$ or US-20040048471-\$ or US-20040067419-\$ or US-20040081921-\$ or US-20040082172-\$). did. or (US- 20040090401-\$ or US- 20040113166-\$ or US- 20040124781-\$ or US- 20040145858-\$ or US- 20040160553-\$ or US- 20040165052-\$ or US- 20040165126-\$ or US- 20040170203-\$ or US- 20040184122-\$ or US- 20040206299-\$ or US- 20040241589-\$ or US- 20040256762-\$ or US- 20050023433-\$ or US- 20050029630-\$ or US- 20050029655-\$ or US- 20050045581-\$ or US- 20050045890-\$ or US- 20050048198-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/09/23 06:46

20050057789-\$ or US-
20050064142-\$ or US-
20050064345-\$ or US-
20050086795-\$ or US-
20050095402-\$ or US-
20050118817-\$ or US-
20050127032-\$ or US-
20050142302-\$ or US-
20050152721-\$).did. or
(US-20050160644-\$ or
US-20050161742-\$ or
US-20050175791-\$ or
US-20050184297-\$ or
US-20050185561-\$ or
US-20050186356-\$ or
US-20050186357-\$ or
US-20050191526-\$ or
US-20050193405-\$ or
US-20050196650-\$ or
US-20050199581-\$ or
US-20050213004-\$ or
US-20050213239-\$ or
US-20050214583-\$ or
US-20050218422-\$ or
US-20050226122-\$ or
US-20050231093-\$ or
US-20050236682-\$ or
US-20050243467-\$ or
US-20050254157-\$ or
US-20050275092-\$ or
US-20050284842-\$ or
US-20050286401-\$ or
US-20050287397-\$ or
US-20060017005-\$ or
US-20060029834-\$ or
US-20060036978-\$).
did. or (US-
20060040140-\$ or US-
20060050426-\$ or US-
20060063042-\$ or US-
20060072435-\$ or US-
20060093863-\$ or US-
20060097629-\$ or US-
20060098343-\$ or US-
20060098559-\$ or US-
20060103778-\$ or US-
20060116047-\$ or US-
20060124585-\$ or US-
20060132970-\$ or US-
20060133110-\$ or US-
20060145373-\$ or US-
20060172154-\$ or US-
20060175962-\$ or US-

20060176801-\$ or US-
20060177569-\$ or US-
20060182838-\$ or US-
20060183004-\$ or US-
20060188751-\$ or US-
20060209453-\$ or US-
20060209454-\$ or US-
20060210840-\$ or US-
20060214302-\$ or US-
20060215311-\$ or US-
20060216413-\$.did. or
(US-20060232111-\$ or
US-20060269773-\$ or
US-20060269791-\$ or
US-20060273336-\$ or
US-20060275692-\$ or
US-20060280861-\$ or
US-20060292400-\$ or
US-20070007141-\$ or
US-20070008597-\$ or
US-20070026643-\$ or
US-20070026644-\$ or
US-20070031705-\$ or
US-20070031706-\$ or
US-20070052353-\$ or
US-20070058518-\$ or
US-20070069108-\$ or
US-20070085939-\$ or
US-20070087549-\$ or
US-20070120127-\$ or
US-20070146261-\$ or
US-20070190242-\$ or
US-20070206463-\$ or
US-20070217015-\$).
did. or (US-5277960-\$
or US-4856513-\$ or US-
6118756-\$ or US-
6180020-\$ or US-
4290534-\$ or US-
4301936-\$ or US-
4334844-\$ or US-
4338764-\$ or US-
4447374-\$ or US-
4614705-\$ or US-
4994058-\$ or US-
5015299-\$ or US-
5361172-\$ or US-
5463609-\$ or US-
5577016-\$ or US-
5589262-\$ or US-
5602819-\$ or US-
5892284-\$ or US-
5934828-\$ or US-

5955223-\$ or US-
 6006419-\$ or US-
 6028706-\$ or US-
 6051249-\$ or US-
 6114260-\$ or US-
 6123609-\$ or US-
 3853577-\$).did. or (US-
 4294657-\$ or US-
 4330785-\$ or US-
 4385952-\$ or US-
 4522891-\$ or US-
 4554175-\$ or US-
 4557522-\$ or US-
 4567493-\$ or US-
 4577202-\$ or US-
 4774400-\$ or US-
 4784919-\$ or US-
 4817110-\$ or US-
 4913817-\$ or US-
 4932866-\$ or US-
 5190836-\$ or US-
 5242862-\$ or US-
 5248584-\$ or US-
 5264289-\$ or US-
 5273911-\$ or US-
 5326448-\$ or US-
 5338647-\$ or US-
 5344500-\$ or US-
 5441577-\$ or US-
 5494739-\$ or US-
 5561278-\$ or US-
 5592688-\$ or US-
 5635267-\$ or US-
 5663096-\$).did. or (US-
 5679962-\$ or US-
 5689130-\$ or US-
 5790102-\$ or US-
 5794628-\$ or US-
 5844309-\$ or US-
 5858014-\$ or US-
 5959326-\$ or US-
 5980722-\$ or US-
 5999320-\$ or US-
 6144494-\$ or US-
 6144496-\$ or US-
 6169630-\$ or US-
 6185040-\$ or US-
 6225227-\$ or US-
 6304382-\$ or US-
 6348405-\$ or US-
 6414935-\$ or US-
 6449231-\$ or US-
 6630684-\$ or US-

6638602-\$ or US-
6659759-\$ or US-
6688750-\$ or US-
6693690-\$ or US-
6741307-\$ or US-
6757102-\$ or US-
6760156-\$ or US-
6819349-\$).did. or (US-
6822777-\$ or US-
6861121-\$ or US-
6891530-\$ or US-
6933527-\$ or US-
6940098-\$ or US-
6946788-\$ or US-
6948247-\$ or US-
6950451-\$ or US-
7009631-\$ or US-
7011775-\$ or US-
7015513-\$ or US-
7048428-\$ or US-
7053420-\$ or US-
7079202-\$ or US-
7088404-\$ or US-
7115486-\$ or US-
7129112-\$ or US-
7149235-\$ or US-
7154217-\$ or US-
7176490-\$ or US-
7179667-\$ or US-
7203025-\$ or US-
7206108-\$ or US-
7214624-\$ or US-
7218472-\$ or US-
7222316-\$ or US-
7225528-\$).did. or (US-
7244532-\$ or US-
7245406-\$ or US-
7247251-\$ or US-
7247343-\$ or US-
7247982-\$ or US-
7254362-\$ or US-
7256105-\$ or US-
7264865-\$ or US-
7265058-\$ or US-
4384765-\$ or US-
5555131-\$ or US-
4980940-\$ or US-
6212015-\$ or US-
4298996-\$ or US-
4326779-\$ or US-
4418988-\$ or US-
4537474-\$ or US-
4800919-\$ or US-

4971412-\$ or US-
5020893-\$ or US-
5316704-\$ or US-
5480950-\$ or US-
5575672-\$ or US-
5892625-\$ or US-
6237522-\$ or US-
4256184-\$ or US-
4264427-\$).did. or (US-
4279480-\$ or US-
4285993-\$ or US-
4305825-\$ or US-
4313620-\$ or US-
4370973-\$ or US-
4383739-\$ or US-
4385404-\$ or US-
4394236-\$ or US-
4395321-\$ or US-
4401289-\$ or US-
4408925-\$ or US-
4417787-\$ or US-
4421261-\$ or US-
4423542-\$ or US-
4427265-\$ or US-
4459019-\$ or US-
4458469-\$ or US-
4462430-\$ or US-
4471824-\$ or US-
4471993-\$ or US-
4477138-\$ or US-
4505180-\$ or US-
4516947-\$ or US-
4519715-\$ or US-
4520434-\$ or US-
4552425-\$ or US-
4552030-\$).did. or (US-
4560269-\$ or US-
4593408-\$ or US-
4614413-\$ or US-
4767964-\$ or US-
4780610-\$ or US-
4812323-\$ or US-
4821623-\$).did.

S4	11	(US-20050284842-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050186356-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$). did. or (US-7247251-\$ or US-7214624-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/23 06:51
S7	34	S6 not (S3 S4 S5)	US-PGPUB; USPAT	OR	ON	2007/09/23 07:05
S6	59	("20020088947" "20020196729" "20030102444" "20030179477" "20040071951" "20040091748" "20040191577" "20040211755" "20050086795" "20050146079" "20050164494" "20050181239" "20050221512" "20050243467" "20050284842" "4095008" "5138687" "5530608" "5772905" "6014296" "6163477" "6165911" "6254966" "6294450" "6309580" "6324032" "6351410" "6379570" "6587408" "6602620" "6620532" "6689622" "6748865" "6764738" "6814897" "6818960" "6898031" "6929762" "6930057" "6977108").PN. OR ("2005/0086795" "2005/0118817" "2005/0175791" "2005/0185561" "2005/0186356" "2005/0186357" "2005/0191526"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:05

		"2005/0213239" "2005/0214583" "2005/0221512" "2005/0284842" "6689622" "6748865" "7214624" "7230795" "7247251"). URPN.				
S10	4	("2005/0118817" "2005/0175791" "2005/0185561" "2005/0186356" "2005/0186357" "2005/0191526" "2005/0213239" "2005/0214583" "2005/0284842" "7214624" "7247251")	US-PGPUB; USPAT	OR	ON	2007/09/23 07:25
S9	22	(US-20050284842-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050186356-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050221512-\$ or US-20050086795-\$ or US-20040191577-\$). did. or (US-7247251-\$ or US-7214624-\$ or US- 7230795-\$ or US- 6748865-\$ or US- 6689622-\$ or US- 7050326-\$ or US- 6984529-\$ or US- 6977108-\$ or US- 6884630-\$ or US- 6324032-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/23 07:25
S11	11	("20050118817" "20050175791" "20050185561" "20050186356" "20050186357" "20050191526" "20050213239" "20050214583" "20050284842" "7214624" "7247251")	US-PGPUB; USPAT	OR	ON	2007/09/23 07:26

S12	37	"20050086795" "20050118817" "20050175791" "20050185561" "20050186356" "20050186357" "20050191526" "20050213239" "20050214583" "20050221512" "20050284842" "6689622" "6748865" "7214624" "7230795" "7247251")	US-PGPUB; USPAT	OR	ON	2007/09/23 07:28
S13	20	"20020088947" "20040071951" "20040091748" "20040211755" "20050086795" "20050146079" "20050164494" "20050181239" "20050221512" "5530608" "5772905" "6014296" "6309580" "6379570" "6602620" "6689622" "6748865" "6764738" "6814897" "6929762"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:29
S5	22	"20020088947" "20040071951" "20040091748" "20040211755" "20050086795" "20050146079" "20050164494" "20050181239" "20050221512" "5530608" "5772905" "6014296" "6309580" "6379570" "6602620" "6689622" "6748865" "6764738" "6814897" "6929762"). PN. OR ("2005/0118817" "2005/0175791" "2005/0185561" "2005/0186356"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:29

		"2005/0186357" "2005/0191526" "2005/0213239" "2005/0214583" "2005/0284842" "7214624" "7247251"). URPN.				
S15	55	S8 NOT S6	US-PGPUB; USPAT	OR	ON	2007/09/23 07:30
S14	343	"20010023829" "20010040145" "20020069525" "20020093122" "20020094496" "20020098426" "20020132482" "20020150398" "20020167117" "20020196729" "20030080471" "20030081193" "20030092261" "20030102444" "20030113638" "20030129542" "20030133126" "20030205657" "20030205658" "20030215577" "20030235787" "20040007799" "20040008334" "20040009673" "20040010341" "20040021254" "20040021866" "20040022888" "20040038552" "20040046271" "20040089979" "20040124566" "20040150129" "3527062" "3743842" "3783520" "3807027" "3807029" "3811665" "3840898" "4024489" "4062600" "4070116" "4095008" "4098001" "4109287" "4119688" "4155169" "4201800" "4202107"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:30

"4211617" |
"4256829" | "4267212"
"4310743" |
"4325779" | "4326805"
"4337579" |
"4355469" | "4383026"
"4414750" |
"4426247" | "4440804"
"4450358" |
"4451507" | "4477794"
"4498009" |
"4507331" | "4516253"
"4525759" |
"4544572" | "4548682"
"4552615" |
"4552832" | "4552833"
"4556925" |
"4576678" | "4600309"
"4606788" |
"4610442" | "4639806"
"4642709" |
"4657845" | "4663685"
"4692205" |
"4694703" | "4701815"
"4707218" |
"4724222" | "4729048"
"4731155" |
"4737425" | "4757410"
"4763886" |
"4772878" | "4808511"
"4826943" |
"4832790" | "4843505"
"4846931" |
"4848179" | "4848911"
"4857477" |
"4883561" | "4887283"
"4891303" |
"4908298" | "4909151"
"4919748" |
"4921778" | "4925738"
"4929083" |
"4931351" | "4959252"
"4964145") .PN. OR
("4964945" | "4976818"
"4980316" |
"4999280" | "5018037"
"5035960" |
"5053318" | "5062021"
"5063321" |
"5071694" | "5072126"
"5073230" |
"5074667" | "5079035"
"5083226" |

"5108875" | "5110514"
"5126006" |
"5138687" | "5148036"
"5148037" |
"5151754" | "5155749"
"5166006" |
"5169494" | "5171490"
"5173393" |
"5179863" | "5180609"
"5198326" |
"5202810" | "5204739"
"5206983" |
"5212147" | "5218193"
"5234793" |
"5240550" | "5240878"
"5242711" |
"5244818" | "5259926"
"5270984" |
"5277749" | "5314772"
"5318870" |
"5324683" | "5328810"
"5330881" |
"5348616" | "5355219"
"5357122" |
"5362606" | "5366851"
"5374454" |
"5376810" | "5380474"
"5392123" |
"5414514" | "5417802"
"5421981" |
"5422295" | "5424549"
"5425848" |
"5425964" | "5431777"
"5439766" |
"5452090" | "5453157"
"5458520" |
"5468542" | "5470636"
"5480047" |
"5494782" | "5504793"
"5507411" |
"5508527" | "5512131"
"5515167" |
"5515221" | "5523878"
"5527662" |
"5530608" | "5545367"
"5563702" |
"5566584" | "5568335"
"5586040" |
"5633505" | "5652054"
"5654238" |
"5669303" | "5670415"
"5673250" |
"5700626" | "5723176"

"5724145" |
"5725788" | "5726548"
"5731981" |
"5736424" | "5737064"
"5741627" |
"5743998" | "5747102"
"5753014" |
"5760500" | "5772905"
"5776748" |
"5779799" | "5785918"
"5802914" |
"5804474" | "5808742"
"5825482" |
"5855686" | "5861113"
"5876550" |
"5877036" | "5877861"
"5884292" |
"5888650" | "5895263"
"5900160" |
"5907782" | "5912049").
PN. OR ("5926690" |
"5937758" | "5942871"
"5948219" |
"5948470" | "5948570"
"5952127" |
"5981018" | "5988859"
"6033977" |
"6035805" | "6036055"
"6038280" |
"6039897" | "6046056"
"6051345" |
"6068906" | "6074827"
"6081334" |
"6088103" | "6091485"
"6096655" |
"6117708" | "6125183"
"6128085" |
"6133576" | "6137562"
"6143412" |
"6150231" | "6150680"
"6163477" |
"6165911" | "6168845"
"6180239" |
"6182042" | "6183832"
"6188150" |
"6204922" | "6218316"
"6234379" |
"6245213" | "6245581"
"6248416" |
"6271994" | "6274294"
"6294450" |
"6309580" | "6316290"
"6326627" |

		"6329256" "6334960" "6337262" "6351410" "6355198" "6361831" "6383928" "6387783" "6387787" "6388253" "6391217" "6391798" "6407340" "6411010" "6420892" "6423207" "6437891" "6447919" "6455411" "6467761" "6482742" "6489068" "6495624" "6514672" "6517977" "6518168" "6521324" "6522411" "6534418" "6539286" "6541356" "6541360" "6561706" "6565928" "6580505" "6587408" "6588632" "6600969" "6632742" "6633391" "6635581" "6646662" "6677252" "6696157" "6696220" "6703190" "6713238" "6719915" "6730256" "6743713" "6753972" "6767983" "6776094" "6777170").PN.				
S8	114	("20020034117" "20020047145" "20020058158" "20020088947" "20020132083" "20020196729" "20030090826" "20030102444" "20030179477" "20030199167" "20030206434" "20040014245" "20040071951" "20040091748" "20040188732" "20040191577" "20040211755"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:30

"20050086795" |
"20050146079" |
"20050164494" |
"20050181239" |
"20050221512" |
"20050243467" |
"20050284842" |
"4052711" | "4095008"
"5138687" |
"5317468" | "5530608"
"5568331" |
"5587223" | "5590009"
"5604013" |
"5619480" | "5640343"
"5650958" |
"5675532" | "5677819"
"5772905" |
"5956216" | "5981054"
"6014296" |
"6021013" | "6125095"
"6162532" |
"6163477" | "6165911"
"6168845" |
"6169686" | "6172904"
"6174737" |
"6197399" | "6205053"
"6249396" |
"6254966" | "6294450"
"6303277" |
"6309580" | "6324032"
"6345435" |
"6351410" | "6379570"
"6385082" |
"6387530" | "6404673"
"6421195" |
"6518588" | "6537638"
"6538919" |
"6567297" | "6587408"
"6602620" |
"6620532" | "6653154"
"6689622" |
"6707084" | "6727105"
"6748865" |
"6764738" | "6806096"
"6809981" |
"6814897" | "6818960"
"6839275" |
"6897532" | "6898031"
"6929762" |
"6930057" | "6977108").
PN. OR
("2004/0191577" |
"2005/0086795" |

		"2005/0118817" "2005/0175791" "2005/0185561" "2005/0186356" "2005/0186357" "2005/0191526" "2005/0213239" "2005/0214583" "2005/0221512" "2005/0284842" "6324032" "6689622" "6748865" "6884630" "6977108" "6984529" "7050326" "7214624" "7230795" "7247251").URPN.				
S17	23	(US-20050284842-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050186356-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050221512-\$ or US-20050086795-\$ or US-20040191577-\$). did. or (US-7247251-\$ or US-7214624-\$ or US- 7230795-\$ or US- 6748865-\$ or US- 6689622-\$ or US- 7050326-\$ or US- 6984529-\$ or US- 6977108-\$ or US- 6884630-\$ or US- 6324032-\$ or US- 6806096-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/23 07:33
S18	4	S17 NOT S12	US-PGPUB; USPAT	OR	ON	2007/09/23 07:34
S16	3	S1 AND S15	US-PGPUB; USPAT	OR	ON	2007/09/23 07:34
S21	14	S1 AND S20	US-PGPUB; USPAT	OR	ON	2007/09/23 07:35

S20	245	("2002/0088947" "2004/0071951" "2004/0091748" "2004/0211755" "2005/0086795" "2005/0146079" "2005/0164494" "2005/0181239" "2005/0221512" "5530608" "5772905" "6014296" "6309580" "6379570" "6602620" "6689622" "6748865" "6764738" "6814897" "6929762"). URPN.	USPAT	OR	ON	2007/09/23 07:35
S19	0	S1 AND S14	US-PGPUB; USPAT	OR	ON	2007/09/23 07:35
S24	10	S23 not S21	US-PGPUB; USPAT	OR	ON	2007/09/23 07:39
S23	15	S1 and S22	US-PGPUB; USPAT	OR	ON	2007/09/23 07:39
S22	121	("20020034117" "20020047145" "20020058158" "20020088947" "20020132083" "20020196729" "20030090826" "20030102444" "20030179477" "20030199167" "20030206434" "20040014245" "20040071951" "20040091748" "20040188732" "20040191577" "20040211755" "20050086795" "20050146079" "20050164494" "20050181239" "20050221512" "20050243467" "20050284842" "4052711" "4095008" "5138687" "5317468" "5530608" "5568331" "5587223" "5590009"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:39

"5604013" |
"5619480" | "5640343"
"5650958" |
"5675532" | "5677819"
"5772905" |
"5956216" | "5981054"
"6014296" |
"6021013" | "6125095"
"6153443" |
"6162532" | "6163477"
"6165911" |
"6168845" | "6169686"
"6172904" |
"6174737" | "6197399"
"6205053" |
"6249396" | "6254966"
"6294450" |
"6303277" | "6309580"
"6324032" |
"6345435" | "6351410"
"6379570" |
"6385082" | "6387530"
"6404673" |
"6421195" | "6518588"
"6537638" |
"6538919" | "6567297"
"6587408" |
"6602620" | "6620532"
"6653154" |
"6689622" | "6707084"
"6713802" |
"6723598" | "6727105"
"6734079" |
"6748865" | "6764738"
"6806096" |
"6809981" | "6814897"
"6818960" |
"6839275" | "6897532"
"6898031" |
"6929762" | "6930057"
"6977108").PNL OR
("2004/0191577" |
"2005/0086795" |
"2005/0118817" |
"2005/0175791" |
"2005/0185561" |
"2005/0186356" |
"2005/0186357" |
"2005/0191526" |
"2005/0213239" |
"2005/0214583" |
"2005/0221512" |
"2005/0284842" |

		"6324032" "6689622" "6748865" "6806096" "6884630" "6977108" "6984529" "7050326" "7214624" "7230795" "7247251"). URPN.				
S27	22	S26 not S25	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S26	33	etch\$4 same (magnet\$6 recording) and ((multilayer\$4 first second top bottom sub) same mask\$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S25	11	etch\$4 with (magnet\$6 recording) and ((multilayer\$4 first second top bottom sub) with mask\$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S29	30	S2 and S28	US-PGPUB; USPAT	OR	ON	2007/09/23 07:54
S28	17116	etch\$4 and (magnet\$8 recording) and ((multilayer\$4 first second top bottom sub) and mask\$4) and (plasma RIE reactive adj ion ion adj beam) and (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/23 07:54

S30	28	(US-20050284842-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050186356-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050221512-\$ or US-20050086795-\$ or US-20040191577-\$ or US-20050287397-\$ or US-20050243467-\$). did. or (US-7247251-\$ or US-7214624-\$ or US-7230795-\$ or US-6748865-\$ or US-6689622-\$ or US-7050326-\$ or US-6984529-\$ or US-6977108-\$ or US-6884630-\$ or US-6324032-\$ or US-6806096-\$ or US-6348405-\$).did. or (JP-2001185531-\$ or JP-06020230-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/23 07:59
S31	8	etch\$4 NEAR magnetic \$4 and (DLC diamond) near (mask\$4 protect \$4)	US-PGPUB; USPAT	OR	ON	2007/09/24 09:01
S32	217	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:14
S33	11881	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/26 13:16

S34	994	etch\$4 and ((multilayer\$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")) and (DLC carbon) with mask\$4	US-PGPUB; USPAT	OR	ON	2007/09/26 13:17
S36	1	("6014296").FN.	US-PGPUB; USPAT	OR	ON	2007/09/26 13:50
S38	14	(US-20050221512-\$ or US-20040191577-\$). did. or (US-7050326-\$ or US-6348405-\$ or US-6984529-\$ or US-6884630-\$ or US-6748865-\$ or US-6324032-\$ or US-7230795-\$ or US-6806096-\$ or US-6977108-\$ or US-6689622-\$).did. or (JP-2001185531-\$ or JP-06020230-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/26 14:21
S1	1538	etch\$4 with (magnet\$8 recording) and ((multilayer\$4 first second top bottom sub) with mask\$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/26 14:21
S35	96	etch\$4 and ((multilayer\$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")) and (DLC carbon) near mask\$4	US-PGPUB; USPAT	OR	ON	2007/09/26 14:22

S39	3	S38 and ((multilayer\$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")) and (DLC carbon)	US-PGPUB; USPAT	OR	ON	2007/09/26 14:23
S37	28	(US-20050284842-\$ or US-20050243467-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050086795-\$ or US-20050221512-\$ or US-20040191577-\$ or US-20050287397-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050186356-\$). did. or (US-7247251-\$ or US-7214624-\$ or US-7050326-\$ or US-6348405-\$ or US-6984529-\$ or US-6884630-\$ or US-6748865-\$ or US-6324032-\$ or US-7230795-\$ or US-6806096-\$ or US-6977108-\$ or US-6689622-\$).did. or (JP-2001185531-\$ or JP-06020230-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:22
S43	54	S40 S41 S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 02:24

S42	41	(US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$ or US-20030164354-\$ or US-20040016918-\$ or US-20040224512-\$ or US-20040229470-\$ or US-20040259355-\$ or US-20050112506-\$ or US-20050157376-\$ or US-20050181604-\$ or US-20060046200-\$ or US-20060065286-\$ or US-20060263699-\$ or US-20070161251-\$). did. or (US-7214624-\$ or US-7230795-\$ or US- 5302240-\$ or US- 6383907-\$ or US- 5910864-\$ or US- 5240554-\$ or US- 6875664-\$ or US- 6884733-\$ or US- 6939794-\$ or US- 6949203-\$ or US- 6989332-\$ or US- 7253118-\$ or US- 5378316-\$ or US- 5445710-\$ or US- 5789320-\$ or US- 5991118-\$).did. or (JP- 2001185531-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24
S41	15	(US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$).	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24

		did. or (US-7214624-\$ or US-7230795-\$).did. or (JP-2001185531-\$). did.				
S40	28	(US-20050287397-\$ or US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050221512-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$). did. or (US-6806096-\$ or US-6884630-\$ or US-6984529-\$ or US-6689622-\$ or US-7214624-\$ or US-7230795-\$ or US-7247251-\$ or US-6348405-\$ or US-7050326-\$ or US-6977108-\$ or US-6748865-\$ or US-6324032-\$).did. or (JP-06020230-\$ or JP-2001185531-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24
S44	23	etch\$4 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/28 22:47
S45	4	etch\$4 and (DLC diamond carbon) near (mask\$4 protect\$4) same (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/28 22:48
S46	19	S44 not S45	US-PGPUB; USPAT	OR	ON	2008/05/28 22:50

S47	13	("5260151" "5466904" "5866913" "5953492" "6051346" "6428937").PN. OR ("2005/0157376" "6812473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/29 00:03
S50	0	S47 and (DLC diamond carbon) with (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S49	0	S47 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S48	0	S47 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S52	2	S47 and (DLC diamond carbon Ni Ta Ti Si TaSi nickle tantalum titanium) same mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:05
S51	0	S47 and (DLC diamond carbon Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:05
L9	63	((MITSURU) near2 (TAKAI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L8	16	((MIKIHARU) near2 (HIBI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L7	93	((KAZUHIRO) near2 (HATTORI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L6	41	((SHUICHI) near2 (OKAWA)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L11	2	6 7 8 9	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/30 18:36
L10	130	6 7 8 9	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 18:36
L15	0	carbon near content same negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L14	0	carbon near content with negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19

L13	0	carbon near content with negative adj resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L12	0	carbon adj content with negative adj resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L17	2	carbon with content same negative with resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:20
L16	0	carbon with content same negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:20
L18	2	("5853953").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/30 20:39

5/30/08 11:13:40 PM

C:\Documents and Settings\aoslen\My Documents\EAST\Workspaces\10 series\!
10535265 = 11156469.wsp